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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/555,488	05/31/2000	HAOPING YU	RCA 88692	8354

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JOSEPH S TRIPOLI
THOMSON MULTIMEDIA LICENSING INC
P O BOX 5312
PRINCETON, NJ 08540

EXAMINER

YENKE, BRIAN P

ART UNIT	PAPER NUMBER
2614	14

DATE MAILED: 03/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/555,488

Applicant(s)

YU ET AL.

Examiner

BRIAN P. YENKE

Art Unit

2614

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 02 March 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

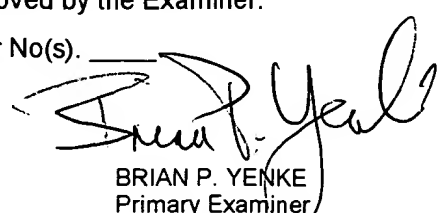
Claim(s) allowed: _____

Claim(s) objected to: _____

Claim(s) rejected: _____

Claim(s) withdrawn from consideration: _____

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s).
10. ☐ Other: _____


BRIAN P. YENKE
Primary Examiner
Art Unit: 2614

Continuation of 5. does NOT place the application in condition for allowance because: Regarding claim 24, the applicant states that Faroudja does not disclose or suggest adaptive filtering which is a function of the image signal parameters as claimed. The examiner disagrees since the filter is adaptive to receive different inputs (film or HDTV) and is responsive to both the 525/625 line signals, thus given the broadest interpretation, the LPF is adaptive to various formats/signals. Regarding claims 1-10 and 13-14, applicant states that neither Faroudja or Legall disclose converting a signal to a different format, filtering the signal and then reconverting the signal prior to conversion to a lower resolution signal. As stated in the rejection, the Faroudja reference did not disclose the converting (step 1) and reconverting (step 3). The examiner incorporated Legall which disclosed converting a high resolution interlaced signal into a lower resolution progressive signal in order to save bandwidth of the transmitted signal. The examiner's position was although claims 1 and 13 included a sequence of steps in a method claim, that performing conventional conversion/reconversion of a video signal is not obvious over prior art. Although the claim calls for a sequence of steps, the combination of steps each of which is conventional in the art, is not patentable distinct in view of prior art. Regarding claims 11, 12 and 15, the applicant argues the examiner's position of criticality with respect to "1280 pixels per line". The examiner has dropped the issue of criticality. Regarding the Scorse reference, the reference does disclose that one or more portions of the visual video image may be transmitted or the entire image may be transmitted (col 4, line 34-37). The examiner incorporated Scorse, to illustrate that it is conventional in the art to reduce the resolution of a transmitted image. Scorse, discloses, the operator of the system may select the resolution, compression level and order of transmission for the image (col 4, line 37-41). Regarding claim 18, the examiner has dropped the issue of criticality with respect to "1280 pixels per line". Regarding claims 19-22, applicant states that Lim does not describe any other aspect ratios and neither discloses nor suggests any combination of active lines per frame and pixels per line which is not based on an image aspect ratio. The examiner agrees that Lim does not specifically disclose 1080 lines by 1280 pixels. However, Lim does disclose that various frame size can be used (Tables 1 and 2) and also the use of other aspect ratios (col 5, line 11). The applicant is correct in stating Lim discloses formats which have a 16:9 aspect ratio, which Lim discloses is currently preferred for an HDTV system. However, Lim also discloses in the same paragraph (col 5, line 11) "other aspect ratios could be used." Thus it is the examiner's position that since Lim states that other aspect ratios could be used, the Tables 1 and 2 are representations of the preferred 16:9 aspect ratio formats, and are therefore by no means representative of the total number of possible formats, since such a list would be exhaustive. Regarding, the Scorse reference the examiner incorporated the reference to show it is conventional in the art to reduce the resolution of a transmitted image. The examiner's position is since the MPEG standard which allows upto 1080 lines and as many as 1920 pixels per line, can include an infinite number of combinations which satisfy the "as many" and "upto" MPEG standard, the selection of a number of lines and pixels per line which falls under the 1080x1920 window is not patentable.